

Atty. Docket No.:

8654/1090

PATENT

PECEIVED FOH CENTER 1600/29

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Riechmann, et al

Serial No.:

09/710,444

Filed:

November 10, 2000

Entitled:

Selection System

Examiner:

Group Art Unit:

Conf. No.:

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.82

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen Williams
Name of Person Mailing Paper-

Signature of Person Mailing Paper

Commissioner for Patents Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§§ 1.56, 1.97 AND 1.98

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office. A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents in the list. Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date:

7/15/61

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Respectfully submitted,

Name: Kathleen M. Williams

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TECH CENTER 1600/2900 USPTO Form 1449

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Patent and Trademark Office Attorney Docket No. Serial No. 8654/1090 09/710,444 INFORMATION DISCLOSURE STATEMENT Applicant(s):. Riechmann, et al Group: Filing Date: November 10, 2000 U.S. PATENT DOCUMENTS Class Subclass Examiner Patent No. Date Name Filing Date Initial (if appropriate) FOREIGN PATENT DOCUMENTS Examiner Document No. Date Country Class Subclass Translation Initial YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) Rubingh, D.N. (1997). Protein engineering from a bioindustrial point of view. Current Opinion in 1 Biotechnology. 8, 417-422. Fersht, A.R. (1993). Protein folding and stability: the pathway of folding of barnase. FEBS Letters. 2 325, 5-16. 3 Zhao, H., et al. (1998). Molecular evolution by staggered extension process (StEP) in vitro recombination. Nature Biotechnology. 16, 258-261. Patten, P.A., R.J. Howard, and W.P.C. Stemmer, (1997). Applications of DNA shuffling to 4 pharmaceuticals and vaccines. Current Opinion in Biotechnology. 8, 724-733. 5 Sauer, R.T. (1996). Protein folding from a combinatorial perspective. Folding & Design. 1, R27-R30. 6 Dahiyat, B.I., C.A. Sarisky, and S.L. Mayo. (1997). Dc Novo Protein Design: Towards Fully Automated Sequence Selection. Journal of Molecular Biology. 273, 789-796. 7 Riddle, D.S., et al. (1997). Functional rapidly folding proteins from simplified amino acid sequences. Nature Structural Biology. 4(10), 805-809. Hoogenboom, H.R. and G. Winter. (1992). By-passing Immunisation. Human Antibodies from 8 Synthetic Repertoires of Germline VH Gene Segments Rearranged in Vitro. Journal of Molecular Biology. 227, 381-388. Winter, G., et al. (1994). Making Antibodies by Phage Display Technology. Annual Review of 9 Immunology. 12, 433-455. Braisted, A.C. and J.A. Wells. (1996). Minimizing a binding domain from protein A. Proc. Natl. 10 Acad. Sci. USA. 93, 5688-5692. 11 Gu, H., et al. (1995). A phage display system for studying the sequence determinants of protein folding. Protein Science. 4, 1108-1117. Hubbard, S.J., F. Eisenmenger, and J.M. Thornton. (1994). Modeling studies of the change in 12 conformation required for cleavage of limited proteolytic sites. Protein Science. 3, 757-768. Fontana, A., et al. (1997). Probing the partly folded states of proteins by limited proteolysis. Folding 13 & Design. 2, R17-R26.

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EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

^{**}Copies of references not provided at the time of this submission.



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Riechmann, et al

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Selection System

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

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Signature of Person Mailing Paper

Commissioner for Patents Washington, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

- 1. Information Disclosure Statement;
- 2. Form PTO-1449
- 3. Copies of Cited References;
- 4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 8654/1090. <u>A duplicate of this transmittal letter is enclosed for this purpose.</u>

Respectfully submitted,

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